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ABSTRACT OF THE DISCLOSURE

This invention relates to a lamination apparatus and in particular to a dual belt driven, continuous pressure lamination apparatus that utilizes pressure, heat and cooling to bond at least two substrates (plies) with an adhesive between the layers of the substrates. The pressure laminator of the present invention has been specifically designed to permit the permanent joining of at least two fabric substrates with an adhesive between the fabric substrates, with little or no shrinkage occurring during the lamination process. The resulting non-woven fabric advantageously has the appearance of a woven fabric, but has superior strength characteristics there over. The pressure laminator of the present invention can have other uses, for example, printed circuit board substrate manufacture, and the like, as will be appreciated by those having ordinary skill in this art.

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